

NOTES ON BASE:
This is one photomosaic in a set of geographic
mapsheets which cover the surface of Mars
at nominal scales of 1:100,000 and 1:150,000.
The mapsheets were derived from the data of the
Mariner 9 television experiment (Massey
et al., 1973).

ADOPTED FIGURE:
The figure is a geographic map projection of an oblate spheroid (elliptical
shape) centered on the equator of Mars. The scale of the map is 1:150,000.
Latitudes are measured in degrees North and South.
Longitudes are measured in degrees East and West.

CONTROLS:
Planimetric control is provided by photogeometric
methods using data provided by the Viking
Project. Davies and Arthur (1973) and the radio
telescope experiment (Davies et al., 1973). The
meridians pass through the crater Argyro (at
approximately 35°S, 180°W) and the center of the
region is at approximately 33°S, 180°W. It is not
possible for the precision, but local con-
trol is provided by the Viking Project.

IMAGE PROCESSING:
Digital image processing was performed by the Jet
Propulsion Laboratory, California Institute of Tech-
nology, using the "Digital Image Processing Work-
shop," which accentuates small details in
the image and provides a means of automatic
feature extraction.

NOMENCLATURE:
Names on this sheet are approved (IAU, 1974;
USGS, 1976) or proposed (IAU, 1973). Except
for the following names which are proposed, Banff, Char
Lacuna, Chryse Planitia, Cimmeria, Eridania, Ida,
Oxia Palus, Phoenicis Lacus, Sirenum Fossae, Tithonium
Chasma, Valles Marineris, and Vastitas Borealis, the
names are taken from the 1:5,000,000 Oxia Palus sheet which covers
the same area. The name Oxa Palus is used for the
Oxia Palus sheet in part of the complete designation,
but the name Oxia Palus is used for the entire region.

M 250K 20/34 CM: Abbreviations for Mars,
1:250,000 series, center of projection, and
longitude-controlled photomosaic.

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